

## MatCHIM Birth Data Layout

#	Variable	Type	Length	Label
1	BALCHOYN	Num	8	Mom's Alcohol use
2	BBTHYEAR	Num	8	Birth year
3	BCERTYPE	Char	1	Type of birth attendant
4	BDIST	Num	8	Residential Health district
5	BGESTAGE	Num	8	Gestational age in weeks
6	BINFDEAD	Num	8	Infant dead or alive
7	BMARITAL	Num	8	Marital status
8	BMETH1	Char	2	Delivery method
9	BMI	Num	8	Body mass index
10	BMOMAGE	Num	8	Mom's age
11	BMOMEDUC	Num	8	Mom's education
12	BMOMGAIN	Char	3	Mom's weight gain during pregnancy
13	BMOMRACE	Num	8	Mom's race
14	BMOMSPAN	Char	1	Mom is Hispanic
15	BNBORN	Num	8	Number of infants born
16	BOCCCNTY	Num	8	Delivery occurrence county
17	BPCAREMO	Num	8	Month prenatal care began
18	BPCAREVI	Num	8	Prenatal care visits
19	BPCGRP	Num	8	Number of prenatal care visits grouped
20	BRESCNTY	Num	8	Residential county
21	BRESZIP	Char	5	Residential zip code
22	BTOBACYN	Num	8	Tobacco use
23	BTRIME	Num	8	Month prenatal care began grouped
24	BTYPHOSP	Num	8	Place of birth
25	BWGTNUM	Num	8	Baby weight gain
26	BWTGRP	Num	8	Baby weight category
27	DIST	Num	8	Health District occurrence
28	FACILITY	Num	8	Hospital
29	GAGEGRP	Num	8	Gestational age grouped
30	GAGETERM	Num	8	Gestational age
31	GAINCAT	Num	8	Weight gain category
32	IGENDER	Num	8	Infant's gender
33	INTCARE	Num	8	Intensive care
34	IPINTV	Num	8	Inter-Pregnancy Interval in Months
35	KOTEL	Num	8	Kotelchuck Criteria for adequacy of prenatal care
36	MAGEGRP	Num	8	Maternal age grouped
37	MEDUGRP	Num	8	Mom's education grouped
38	MMARITAL	Num	8	Mom's marital status
39	PARITY	Num	8	Parity
40	PRENCARE	Num	8	Prenatal care (yes/no)
41	SMALAREA	Num	8	Small area
42	SMALL	Num	8	Small for gestational age
43	URBAN	Num	8	Urban or rural
44	WPREGGRP	Num	8	Weight gain during pregnancy, grouped

## MatCHIIM Birth Data Codes

No.	Variable Name	Variable Label	Variable Name	Variable Label
1	BALCHOYN	Alcohol use 1 Yes 2 No 99 Unknown		
2	BBTHYEAR	Birth year Calendar Year      e.g. 1996, 1997...		
3	BCERTYPE	Type of birth attendant 1 M.D. 2 D.C. (Dr. of Chiropratic) 3 D.O. (Dr. of Osteopathic medicine) 4 N.D. (Nature Dr.) 5 CNMW (Licensed Certified Nurses or Midwife) 6 Medical Examiner 7 Law Enforcement 8 Midwife 9 Others 99 Unknown		
4	BDIST	Residential Health district (Codes needed to be changed) 1 Bear River 2 Central Utah 3 Davis County 4 Salt Lake County 5 Southeastern Utah 6 Southwest Utah 7 Summit County 8 Tooele County 9 Uintah Basin 10 Utah County 11 Wasatch County 12 Weber/Morgan 99 Unknown		
5	BGESTAGE	Gestational age in weeks # of weeks		
6	BINFDEAD	Infant dead or alive 1 Alive 2 Dead 99 Unknown		
7	BMARITAL	Marital status 1 Married 2 Not Married 99 Unknown		
8	BMETH1	Delivery method 1 Vaginal 2 Vaginal birth after previous C-section 3 Primary C-section 4 Repeat C-section 5 Forceps 6 Vacuum 99 Unknown		

9	BMI	Body mass index 1 <19.8 2 19.8-26.0 3 26.1-27.2 4 27.3-29.0 5 29.1+ 99 Unknown	
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10	BMOMAGE	Mom's age # of years	
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11	MEDU	Mom's education 1 Less than High School (0-11 yrs) 2 High School Graduate (12 yrs) 3 Some College (13-15 yrs) 4 College Graduate (16+ yrs) 99 Unknown	
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12	BMOMGAIN	Mom's weight gain during pregnancy # of pounds	
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13	BMOMRACE	Mom's race 1 White 2 Black 3 Indian 4 Chinese 5 Japanese 6 Other Racial Entries NEC 7 Hawaiian 8 Phillipino 9 Other Asian, Pacific Islanders 99 Unknown	
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14	BMOMSPAN	Mom's Hispanic Origin 0 Non-hispanic 1 Mexican 2 Cuban 3 Puerto Rican 4 Other Hispanic 5 Central/South American 99 Unknown	
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15	BNBORN	Number of infants born 1 Single Birth 2 Twins 3 Triplets 4 Quadruplets 5 Quintuplets or Higher 99 Unknown	
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16	BOCCCNTY	Delivery occurrence county (Codes needed to be changed) 1 Beaver 2 Box Elder 3 Cache 4 Carbon 5 Daggett 6 Davis 7 Duchesne 8 Emery 9 Garfield 10 Grand 11 Iron 12 Juab 13 Kane 14 Millard 15 Morgan 16 Piute	
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17 Rich  
 18 Salt Lake  
 19 San Juan  
 20 Sanpete  
 21 Sevier  
 22 Summit  
 23 Tooele  
 24 Uintah  
 25 Utah  
 26 Wasatch  
 27 Washington  
 28 Wayne  
 29 Weber  
 30 Multi-counties  
 31 Outside Utah  
 32 Outside U.S.  
 33 Unknown

17 BPCAREMO Month prenatal care began  
 # of months

18 BPCAREVI Prenatal care visits  
 # of visits

19 BPCGRP Number of prenatal care visits grouped  
 0 0  
 1 1-4  
 2 5-8  
 3 9-15  
 4 16-49  
 5 50+  
 99 Unknown

20 BRESCNTY Residential county (Codes needed to be changed)  
 Same as variable 16 occurrence county

21 BRESZIP Residential zip code  
 Valid zip code

22 BTOBACYN Tobacco use  
 1 = Yes  
 2 = No  
 99 = Unknown

23 BTRIME Month prenatal care began grouped  
 0 No prenatal care  
 1 1-3 months (first trimester)  
 2 4-6 months (second trimester)  
 3 7-9 months (third trimester)  
 99 Unknown

24 BTYPHOSP Place of birth  
 1 Residence Planned  
 2 Residence Unplanned  
 3 Hospital  
 4 Freestanding Birthing Center  
 5 Clinic/Doctor's Office  
 6 Other, Hospital Parking Lot  
 99 Unknown

25 BWGTNUM Baby weight  
 # of grams

26	BWTGRP	Baby weight category 1 under 1000 g 2 1000-1499 g 3 1500-2499 g 4 2500-3999 g 5 4000+ g 99 Unknown	
27	DIST	Health District occurrence (Codes needed to be changed) Same as variable 4 Residential Health District	
28	FACILITY	Hospital Hospital ID (100 - 999)	
29	GAGEGRP	Gestational age grouped 1 24 weeks or less 2 25-27 weeks 3 28-37 weeks 4 38-42 weeks 5 43+ weeks 99 Unknown	
30	GAGETERM	Preterm or Term 1 Preterm (20-37 weeks) 2 Term (38-44 weeks) 99 Unknown	
31	GAINCAT	Mother's weight gain category 0 Inadequate 1 Adequate 2 Not Determined 99 Unknown	
32	IGENDER	Infant=s gender 1 Female 2 Male 99 Unknown	
33	INTCARE	Intensive care 0 Not Intensive 1 Intensive 1 2 Intensive 2 3 Intensive 3 4 Adequate 99 Unknown	
34	IPINTV	Inter-Pregnancy Interval in Months # of months	
35	KOTEL	Kotelchuck Criteria 0 Inadequate 1 Adequate 99 Unknown	
36	MAGEGRP	Maternal age grouped 1 under 15 yrs 2 15-17 yrs 3 18-19 yrs 4 20-24 yrs 5 25-29 yrs 6 30-34 yrs 7 35-39 yrs 8 40-44 yrs 9 45-49 yrs	

		10 50+ yrs 99 Unknown	
37	MEDUGRP	Mom's Education Grouped 1 Less Than High School (0-11 yrs) 2 High School Graduate (12 yrs) 3 Some College (13-15 yrs) 4 College Graduate (16+ yrs) 99 Unknown	
38	MMARITAL	Mom's Marital Status 1 Married 2 Not Married 99 Unknown	
39	PARITY	Parity 0 Zero Parity 1 1 2 2 3 3 or more 99 Unknown	
40	PRENCARE	Prenatal care 0 Inadequate 1 Adequate 99 Unknown	
41	SMALAREA	Small area (Codes needed to be changed) 1 Brigham City 2 Other Box Elder Co. 3 Logan 4 Other Cache/Rich Co. 5 Ben Lomond 6 Morgan/East Weber Co. 7 Downtown Ogden 8 South Ogden 9 Roy/Hooper 10 Riverdale 11 Clearfield/Hill AFB 12 Layton 13 Syracuse/Kaysville 14 Farmington/Centerville 15 Woods Cross/No SL 16 Bountiful 17 Rose Park 18 Avenues 19 Foothill/U of U 20 Magna 21 Glendale 22 West Valley I 23 West Valley II 24 Downtown SL 25 So SL 26 Millcreek 27 Holladay 28 Cottonwood 29 Kearns 30 Taylorsville 31 Murray 32 Midvale 33 West Jordan No. 34 W. Jordan, Copperton 35 South Jordan 36 Sandy Center 37 Sandy, NE 38 Sandy, SE 39 Riverton/Draper 40 Tooele Co. 41 Lehi/Cedar Valley	

42 Am Fork/Alpine  
43 Pleasant Grove/Lindon  
44 No Orem  
45 West Orem  
46 East Orem  
47 Provo/BYU  
48 Provo South  
49 Springville/Sp Fork  
50 Utah Co. South  
51 Summit Co.  
52 Wasatch Co.  
53 Tri-county LHD  
54 Juab/Millard/Sanpete Co.  
55 Sevier/Piute/Wayne Co.  
56 Carbon/Emery Co.  
57 Grand/San Juan Co.  
58 St. George  
59 Oth. Washington Co.  
60 Cedar City  
61 Oth. Southwest Dist  
77 OUT OF STATE  
99 Unknown

42      SMALL    Small for gestational age  
                 0 Not Small  
                 1 Small  
                 99 Unknown

43      URBAN    Urban or rural (Original codes needed to be changed)  
                 0 Rural  
                 1 Urban  
                 99 Unknown

44      WPREGGRP    Mother's weight gain during the pregnancy grouped  
                 1 <=15 lbs  
                 2 16-25 lbs  
                 3 26-35 lbs  
                 4 36-40 lbs  
                 5 40+ lbs  
                 99 Unkno